

## EAST Search History

| Ref # | Hits    | Search Query                                 | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|---------|--|---|------------------|---------|---------------------|
| S2    | 2       | heat-raised                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/12<br>12:10 |
| S3    | 436     | heat adj raised                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/12<br>12:11 |
| S5    | 18      | S3 same (fiber or fibrous)                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/12<br>12:11 |
| S6    | 237461  | acrylic adj acid                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/12<br>12:12 |
| S9    | 455630  | polymerize or polymerized or<br>polymerizing | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/12<br>12:13 |
| S10   | 1498827 | aqueous                                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/12<br>12:13 |
| S11   | 1813101 | fiber or fibrous                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/12<br>12:14 |
| S12   | 747     | S6 same S9 same S10 same<br>S11              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/12<br>12:14 |

|     |        |   |   |    |    |                     |
|-----|--------|---|---|----|----|---------------------|
| S13 | 49494  | water adj (absorb or absorbed or absorbing or absorbtive)             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>12:15 |
| S14 | 90     | S12 and S13   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>12:15 |
| S15 | 5      | ("5180622"   "5230959"  <br>"5713881"   "5821179"  <br>"5962068").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/12<br>13:01 |
| S18 | 5269   | heat adj (raise or raised or<br>raising)                              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>13:26 |
| S19 | 11     | S18 with nonwoven   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>13:26 |
| S20 | 15501  | loft or lofted or lofting or<br>reloft or relofted or relofting       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>13:27 |
| S21 | 1131   | S20 with nonwoven   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>13:27 |
| S22 | 392766 | impregnate or impregnated or<br>impregnating                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>13:27 |
| S24 | 11     | S21 with S22  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>13:27 |

|     |       |   |   |    |     |                     |
|-----|-------|---|---|----|-----|---------------------|
| S26 | 45    | reloft or relofted or relofting<br>or (re adj (loft or lofted or<br>lofting))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/12<br>13:29 |
| S27 | 15485 | loft or lofted or lofting   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/12<br>13:35 |
| S28 | 84    | S27 with heat with<br>(nonwoven or (non adj<br>woven))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/12<br>13:36 |
| S29 | 4     | ("3291677").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/12<br>13:45 |
| S30 | 2     | ("5143779").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/12<br>14:00 |
| S31 | 2     | ("4601937").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/12<br>14:09 |
| S32 | 12    | ("0546009"   "3458966"  <br>"3537226"   "3813843"  <br>"3911641"   "3927504"  <br>"3964232"   "3991538"  <br>"4163353").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/03/12<br>14:14 |
| S33 | 16    | ("4601937").URPN.   | USPAT   | OR | ON  | 2008/03/12<br>14:15 |
| S34 | 4     | "01292103"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/12<br>14:31 |
| S35 | 10    | ("4738867").URPN.   | USPAT   | OR | ON  | 2008/03/12<br>14:33 |
| S36 | 7     | ("3005456"   "3589364"  <br>"4340057"   "4354487"  <br>"4423184"   "4443492").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/03/12<br>14:36 |

|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
| S37 | 37  | ("4748076").URPN.  | USPAT   | OR | ON | 2008/03/12<br>14:37 |
| S38 | 9   | ("3056695"   "3995998"  <br>"4008353"   "4072784"  <br>"4304564"   "4541871"  <br>"4647617"   "4721647").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/12<br>14:38 |
| S39 | 23  | ("4865886").URPN.  | USPAT   | OR | ON | 2008/03/12<br>14:40 |
| S40 | 5   | ("5180622"   "5230959"  <br>"5713881"   "5821179"  <br>"5962068").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/12<br>14:41 |
| S41 | 4   | ("4738867"   "4865886"  <br>"4920202"   "5962068").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/12<br>14:41 |
| S42 | 3   | "09067403"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>14:42 |
| S43 | 19  | (US-20020034911-\$ or US-<br>20070035058-\$).did. or (US-<br>4738867-\$ or US-4748076-\$<br>or US-4865886-\$ or US-<br>5962068-\$ or US-6797656-\$<br>or US-3291677-\$ or US-<br>5143779-\$ or US-4601937-\$<br>or US-5198057-\$ or US-<br>6846518-\$ or US-4842927-\$<br>or US-4721647-\$).did. or (JP-<br>62022810-\$ or EP-223908-\$<br>or EP-251314-\$ or JP-<br>2002275760-\$ or JP-<br>01292103-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                    | OR | ON | 2008/03/12<br>14:43 |
| S45 | 224 | water adj (absorb or absorbed<br>or absorbing or absorbtive)<br>adj composite  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>14:44 |
| S46 | 28  | S45 and (press or pressed or<br>pressing)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>14:45 |
| S47 | 14  | S45 and (compress or<br>compressed or compressing)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>14:47 |

|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
| S48 | 1   | S45 and (thermocompress or thermocompressed or thermocompressing)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>14:48 |
| S49 | 10  | "2554136"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>14:50 |
| S50 | 3   | S13 same (thermocompress or thermocompressed or thermocompressing)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:08 |
| S51 | 8   | S13 and (thermocompress or thermocompressed or thermocompressing)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:08 |
| S53 | 324 | (S6 same S9) and S13 and (press or pressed or pressing)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:12 |
| S54 | 3   | (S6 same S9) and S13 and (thermocompress or thermocompressed or thermocompressing)                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:16 |
| S55 | 786 | S13 same (heat or heated or heating) same (press or pressed or pressing or compress or compressed or compressing) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:18 |
| S56 | 159 | S13 with (heat or heated or heating) with (press or pressed or pressing or compress or compressed or compressing) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:18 |
| S57 | 5   | "02074254"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:28 |

|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
| S58 | 1   | "94038814"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:29 |
| S59 | 353 | (absorb or absorbed or absorbing) same (bulk or bulky or bulkiness) same (heat or heated or heating) same (press or pressed or pressing)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:36 |
| S60 | 4   | (absorb or absorbed or absorbing) with (bulk or bulky or bulkiness) with (heat or heated or heating) with (press or pressed or pressing)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:36 |
| S61 | 148 | ((absorb or absorbed or absorbing or absorption) adj capacity) same (heat or heated or heating) same (press or pressed or pressing)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:37 |
| S62 | 264 | ((absorb or absorbed or absorbing or absorption) adj capacity) same (heat or heated or heating) same (press or pressed or pressing)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:39 |
| S63 | 116 | S62 not S61   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/12<br>15:39 |
| S64 | 25  | (US-20020034911-\$ or US-20070035058-\$).did. or (US-4738867-\$ or US-4748076-\$ or US-4865886-\$ or US-5962068-\$ or US-6797656-\$ or US-3291677-\$ or US-5143779-\$ or US-4601937-\$ or US-5198057-\$ or US-6846518-\$ or US-4842927-\$ or US-4721647-\$ or US-5672419-\$).did. or (JP-02074254-\$ or JP-08296162-\$).did. or (JP-62022810-\$ or EP-223908-\$ or EP-251314-\$ or JP-2002275760-\$ or JP-01292103-\$ or JP-03236957-\$ or JP-06315501-\$ or JP-02074254-\$).did. | US-PGPUB;<br>USPAT; JPO;<br>DERWENT                               | OR | ON | 2008/03/12<br>15:53 |

|     |    |   |   |    |     |                     |
|-----|----|---|---|----|-----|---------------------|
| S65 | 12 | S64 and (crosslink or crosslinked or crosslinking)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/12<br>15:53 |
| S66 | 2  | ("5104813").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/12<br>16:10 |
| S67 | 2  | ("5229297").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/12<br>16:10 |
| S68 | 20 | "545736"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/12<br>16:12 |
| S69 | 2  | ("5245814").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/03/12<br>16:27 |
| S72 | 25 | (US-20020034911-\$ or US-20070035058-\$).did. or (US-4738867-\$ or US-4748076-\$ or US-4865886-\$ or US-5962068-\$ or US-6797656-\$ or US-3291677-\$ or US-5143779-\$ or US-4601937-\$ or US-5198057-\$ or US-6846518-\$ or US-4842927-\$ or US-4721647-\$ or US-5672419-\$).did. or (JP-02074254-\$ or JP-08296162-\$).did. or (JP-62022810-\$ or EP-223908-\$ or EP-251314-\$ or JP-2002275760-\$ or JP-01292103-\$ or JP-03236957-\$ or JP-06315501-\$ or JP-02074254-\$).did. | US-PGPUB;<br>USPAT; JPO;<br>DERWENT                               | OR | ON  | 2008/03/14<br>09:41 |
| S73 | 7  | S72 and (compress or compressed or compressing)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/14<br>09:41 |

|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
| S76 | 169 | (nonwoven or "non-woven" or (non adj woven)) with (tensile adj strength) with "25"                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/14<br>10:05 |
| S77 | 3   | (nonwoven or "non-woven" or (non adj woven)) with (tensile adj strength) with "25" with conventional | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/14<br>10:08 |

3/ 14/ 08 10:59:49 AM

C:\Documents and Settings\JGoff\My Documents\EAST\Workspaces\10524916a.wsp